

**AMENDMENTS TO THE CLAIMS**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method for loading software on a plurality of processors in a heterogeneous processor environment, said method comprising:  
executing a program on a first processor;  
in response to executing the program, loading a runtime loader onto the first processor;  
using the runtime loader loaded on the first processor to retrieve an executable file; retrieving a file using a first processor;  
using the runtime loader to extract ~~extracting~~ a processor identifier from the executable file, the processor identifier corresponding to the file;  
determining, using the runtime loader, whether to load the executable file on a second processor based upon whether the processor identifier corresponds to the second processor; and  
using the runtime loader to load ~~loading~~ the executable file from the first processor onto the second processor in response to determining that the processor identifier corresponds to the second processor. ~~the determination.~~
2. (Canceled)
3. (Canceled)
4. (Currently Amended) The method as described in claim [[3]] 1 further comprising:

sending a plug-in to the second processor using the first processor, the plug-in corresponding to the executable file;

sending data to the second processor using the first processor, the data corresponding to the plug-in; and

processing the data with the plug-in using the second processor.

5. (Currently Amended) The method as described in claim [[3]] 1 further comprising:

retrieving a plug-in using the second processor, the plug-in corresponding to the executable file;

retrieving data using the second processor, the data corresponding to the plug-in; and

processing the data with the plug-in using the second processor.

6. (Currently Amended) The method as described in claim [[3]] 1 wherein the executable file is in a file format, and wherein the file format is selected from the group consisting of an Executable and Linking format, an Extended Common Object File format, and a Portable Executable Common Object File format.

7. (Currently Amended) The method as described in claim 1 wherein the processor identifier is a machine type, the determining further comprising:

extracting the machine type from the executable file; and

comparing the machine type to a plurality of machine types.

8. (Currently Amended) The method as described in claim 1 wherein the executable file is part of a combined file, and wherein the processor type corresponds to one or more section headers from a plurality of section headers.

9. (Currently Amended) The method as described in claim 1 wherein the executable file is part of a combined file, and wherein the combined file includes one or more processor identifiers that correspond to the first processor.
10. (Original) The method as described in claim 1 wherein the first processor is a processing unit and wherein the second processor is a synergistic processing unit.
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)
21. (Canceled)
22. (Canceled)
23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)